



IFW

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: James Parker

For: INTEGRATED LIGHTNING DETECTOR

Serial No.: 10/600,369

Filed: June 26, 2003

Art Unit: 2632

Our Reference: WH-11 827US 133 Richmond Street West  
Toronto, Ontario M5H 2L7

**BY FEDERAL EXPRESS**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

August 9, 2004

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

It is requested that the references listed on the attached Information Disclosure Statement Form 1449A/PTO be considered by the Patent Examiner in connection with the above identified application and be made of record therein.

United States Patent 5,920,259 Shpater discloses a method of protecting an intrusion detection system against false alarms caused by certain radio frequency or electromagnetic impulse signals. This is accomplished by providing in motion detectors a dummy channel 14 designed to receive this undesired RF or EM signal. This signal is then subtracted from the normal channel whereby the effect of the undesired RF or EM signal is avoided.

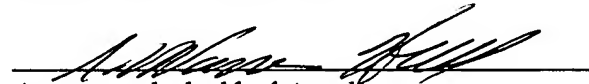
United States Patent 5,977,762 discloses a lightning detector used for the protection of electronic equipment in a home. The detector receives an EM signal through an antenna and applies signal conditioning to produce a series of pulses corresponding to peaks in the signal above a specified threshold. Pulse data is compared to predetermined criteria that distinguishes lightning created noise from other electrical noise. Once recognized, a shut down signal can be sent to the appropriate equipment.

United States Patent 5,959,815 discloses a method of protecting a computer system from an approaching lightning storm by using a modem or sound card to pick up the electromagnetic signals. The modem or sound card acts as an antenna and a digital signal processor in the modem or sound card circuitry processes the signal to detect pulses caused by lightning. The system can either alert the user or perform a shutdown of the system.

United States Patent 5,291,208 discloses an arrangement for protecting an electronic device from damage due to high voltage levels caused by lightning. The device includes a detector and means for switching any number of electrical devices into a ground state for a predetermined duration. With this arrangement, the method and apparatus protects an electrical device from a potential of damaging voltage levels while also allowing the device to be reactivated (column 1, lines 57 to 61). The method and apparatus are primarily designed for protecting an electrical device from potentially damaging electrical field levels as stated in the preamble of claim 1.

Copies of each reference are enclosed.

Respectfully submitted,



Agent on behalf of Applicant

S. Warren Hall

Registration No. 30,350

(416) 368-8313

WH/sdw  
Encls.

